

The Classes in St. Mungo's College qualify for the English, Scotch, and Irish Conjoint Boards and, under certain conditions, for the various Universities.

Students who have fulfilled the conditions of the Carnegie Trust as regards Scottish birth or extraction, age (sixteen years), and Preliminary Examination, are eligible for the benefits of this Trust during the whole course of their studies at St. Mungo's College.

ST. MUNGO'S COLLEGE

THE MEDICAL SCHOOL OF THE GLASGOW
ROYAL INFIRMARY

Syllabus of Medical Curriculum

SESSION 1913-1914

CLASS ROOMS

St. Mungo's College Buildings

86 CASTLE STREET



SECRETARY'S OFFICE, 97 WEST REGENT STREET

J. T. T. BROWN, ESQ., *Secretary*

FACULTY OF MEDICINE.

DEAN OF FACULTY, - - - PROFESSOR JARDINE.
SECRETARY OF FACULTY, - - - PROFESSOR BATTERSBY.

THE WINTER SESSION opens on Monday, 13th October, 1913,
and ends on Thursday, 19th March, 1914.

THE CHRISTMAS VACATION begins on Saturday, 20th December,
1913, and ends on Monday, 5th January, 1914.

THE SUMMER SESSION begins on Tuesday, 21st April, and ends
on Tuesday, 30th June, 1914.

*All requests for official information concerning Fees, Classes,
Hospital Attendance, etc., should be addressed to the Secretary of the
Medical Faculty, at St. Mungo's College, 86 Castle Street, Glasgow.
The Secretary may be consulted at the College daily at 11 a.m. on
and after 7th October, 1913.*

GENERAL REGULATIONS.

Students may enrol on any weekday (except Thursday), from
8th to 29th October, between the hours of 9 a.m. and 12 noon.
Tickets for the Classes are to be obtained from Dr. THOM,
Superintendent of the Royal Infirmary. Students should bring
the exact amount of their fees.

Every Student on entering is required to sign his or her name
in the Register of Students attending the Medical Classes in
the College.

* * The Classes in St. Mungo's College are open both to
male and to female students.

LECTURES AND DEMONSTRATIONS.

WINTER.

Elementary Physics, 11.15 a.m. (at Royal Technical College),	- - - - -	- }
Chemistry (at Royal Technical College),	- - - - -	- }
Practical Chemistry,	- - - - -	- }
Senior Anatomy, 11 a.m.,	- - - - -	- }
Junior Anatomy, 9 a.m.,	- - - - -	- }
Practical Anatomy, 9 a.m. to 5 p.m.,	- - - - -	- }
Physiology, 12 noon,	- - - - -	- PROF. DUFF.
Surgery, 11 a.m.,	- - - - -	- PROF. PATERSON.
Clinical Surgery, 9 a.m.,	- - - - -	- Surgeons of the Royal Infirmary.
Practice of Medicine, 12 noon,	- - - - -	- (Vacant).
Clinical Medicine, 9 a.m.,	- - - - -	- { Physicians of the Royal Infirmary.
Materia Medica, 1 p.m.,	- - - - -	- DR. JOHN P. DUNCAN.
Pathology, 3 p.m., or hour to be arranged,	- - - - -	- Pathologist to Royal Infirmary.
Ophthalmology, 4 p.m., Mondays and Thursdays,	- - - - -	- { Senior Surgeon to Ophthalmic Department.
Clinical Gynæcology, Wednesday, 11 a.m., Saturday, 9.30 a.m.	- - - - -	- { DR. G. B. MARSHALL.
Gynæcology, Mondays and Thursdays, 11 a.m.,	- - - - -	- }
Public Health Laboratory, to be arranged,	- - - - -	- }
Public Health, to be arranged,	- - - - -	- { DR. DAVID M'KAIL.
Bacteriology, if desired.	- - - - -	- }
Hospital Dispensary, daily, 2 p.m.	- - - - -	- }

SUMMER.

Practical Pathology, 1-3 p.m.,	- - - - -	- Pathologist to Royal Infirmary.
Botany, 9 a.m.,	- - - - -	- }
Practical Botany, 8 a.m.,	- - - - -	- { PROF. JAMES SWANSON.
Zoology, 1.30 p.m.,	- - - - -	- }
Practical Zoology, 2.30-4.30 p.m.,	- - - - -	- }
Practical Physiology, 12 noon,	- - - - -	- PROF. DUFF.
Clinical Surgery, 9 a.m.,	- - - - -	- Surgeons of the Royal Infirmary.
Operative Surgery, 2.45 p.m.,	- - - - -	- PROF. PATERSON and Assistant.
Clinical Medicine, 9 a.m.,	- - - - -	- { Physicians of the Royal Infirmary.
Anatomy, Advanced Demonstrations, 3 p.m.,	- - - - -	- }
Demonstrations, 11 a.m.,	- - - - -	- }
Practical Anatomy, 8 a.m. to 5 p.m.,	- - - - -	- { PROF. BATTERSBY.
Osteology, as may be arranged,	- - - - -	- }
Forensic Medicine and Hygiene, 12 noon,	- - - - -	- DR. DAVID M'KAIL.
Midwifery, hour to be arranged,	- - - - -	- PROF. ROBERT JARDINE.
Bacteriology, daily, hour to be arranged,	- - - - -	- DR. DAVID M'CRORIE.
Psychological Medicine, 2 p.m., Thursdays,	- - - - -	- }
Clinique at Hawkhead Asylum as arranged,	- - - - -	- { DR. JAMES H. MACDONALD.

Hospital Dispensary, daily, 2 p.m.

NOTE.—The hours of all the classes are subject to slight rearrangement, vide page 22.

THE COLLEGE BUILDINGS.

The buildings occupied by the Medical Faculty of St. Mungo's College were erected in the year 1882 for the Glasgow Royal Infirmary School of Medicine, and, on the incorporation of St. Mungo's College, were handed over to the Governors by the Managers of the Royal Infirmary. They are situated close to the Infirmary in Castle Street, and are provided with class-room and laboratory accommodation for three or four hundred Students. Altogether, no effort has been spared to render the accommodation worthy of the College and Hospital, and to afford facilities for obtaining a thorough and complete medical education.

Adjoining the College are the Dispensaries for giving advice to out-patients. Last year there were over 180,000 attendances by patients, and over 50,000 patients received advice and treatment.

In connection with the Hospital there are a large PATHOLOGICAL MUSEUM, a PATHOLOGICAL LABORATORY, and a BACTERIOLOGICAL LABORATORY, to all of which Students have access.

CLINICAL AND OTHER HOSPITAL CLASSES.

Glasgow Royal Infirmary.

This Hospital, which immediately adjoins the College Buildings, contains 600 beds available for clinical instruction and study. Of these, 374 are for Surgical and 226 for Medical Cases. There are special wards for the treatment of Diseases of Women. The number of in-patients under treatment last year was over 9,000, while over 50,000 were attended to and prescribed for at the Dispensary.

The hour for out-patients is 2 p.m.

The hour of visit is 9 a.m. All Physicians and Surgeons of the House give clinical instruction and lectures. (See also pages 22 and 23.)

Operations.—The Surgical Operations, except in cases of emergency, are performed in the Operating Theatres, at the visit hour, 9 a.m. During last year 5800 cases were submitted to operation.

Post-Mortem Examinations are made between 9 and 11 a.m.

The Pathological Museum, which is a very valuable one, is open to Students of the College.

Vaccinator.—The Vaccinator attends at the Dispensary every Monday and Thursday at 12 noon to give instruction. The certificates are recognised by the Privy Council as qualifying for Government, Parochial, and other appointments. Six weekly attendances. Fee, £1 1s.

Practical Pharmacy.—(See page 15.)

Physicians.

Dr. WALTER K. HUNTER.
Dr. JOHN M. COWAN.

Dr. M'KENZIE ANDERSON.
Dr. W. R. JACK.

Surgeons.

Dr. J. A. ADAMS.
Dr. DAVID NEWMAN.
Mr. J. HOGARTH PRINGLE.

Mr. H. RUTHERFURD.
Prof. PETER PATERSON.
Dr. ROBERT KENNEDY.

Dr. A. N. M'GREGOR.

Surgeons for Diseases of Women, { Dr. BALFOUR MARSHALL.
Dr. MUNRO KERR.

Surgeon for Diseases of Throat and Nose—Dr. JOHN MACINTYRE.

Consulting Surgeon for Diseases of the Eye—Dr. A. M. RAMSAY.

Physician for Diseases of the Skin—Dr. ALEX. MORTON.

Surgeon for Diseases of the Ear—Dr. J. KERR LOVE.

Assistant Physicians.

Dr. JOHN HENDERSON.

Dr. JAMES SCOTT.

Dr. ARCHD. W. HARRINGTON.

Dispensary Physicians.

Dr. CAMPBELL S. MARSHALL.
Dr. JOHN T. MACLACHLAN.
Dr. D. H. MACPHAIL.

Dr. A. M. CRAWFORD.
Dr. D. MACDONALD.
Dr. J. C. MIDDLETON.

Assistant Surgeons.

Mr. JOHN PATRICK.

Dr. JOHN A. C. MACEWEN.

Dr. THOMAS KAY.

Dispensary Surgeons.

Dr. A. G. FAULDS.
Mr. JAMES BATTERSBY.
Mr. DONALD DUFF.

Dr. MILNE M'INTYRE.
Dr. ALEXANDER COUPER.
Dr. DEWAR.

Extra Dispensary Physician—Dr. WILLIAM WATSON.

Extra Dispensary Surgeons—Dr. WILLIAM C. MACKIE, Dr. J. A. G. BURTON and Dr. P. H. ROBERTSON.

Pathologist—Dr. JOHN H. TEACHER.

Assistants in Pathological Institute—Dr. J. A. CAMPBELL, Dr. A. M. KENNEDY, Dr. J. A. G. BURTON and Dr. J. M. MORGAN.

Bacteriologist—Dr. DAVID M'CRORIE.

Assistant Aural Surgeons—Dr. JAMES ADAM and Dr. R. S. M'KIM.

Dental Surgeon—Mr. WILLIAM TAYLOR, L.D.S.

Assistant Dental Surgeon—Mr. WM. R. TAYLOR, L.D.S.

Surgeon for Diseases of Throat and Nose—Dr. R. FULLERTON.

Assistant Surgeon for Diseases of Throat and Nose—Dr. PETER N. GRANT.

Assistant Physician for Diseases of Skin—Dr. GEORGE MCINTYRE.

Ophthalmic Surgeons—Dr. JOHN ROWAN and Dr. H. W. THOMSON.

Gynæcologists—Dr. JAMES TAYLOR, Dr. LOUISE M'ILROY, Dr. JAS. HENDRY and Dr. J. MACINTYRE.

Vaccinator—Dr. H. H. BORLAND.

Anæsthetists—Dr. DONALD, Dr. FAIRLIE, Dr. NAPIER, Dr. A. RICHMOND, Dr. M'CONVILLE, Dr. LAIRD and Dr. E. B. ORR.

Consulting Electrician—Dr. JOHN MACINTYRE.

Electrician—Dr. JAMES R. RIDDELL.

Assistant Electricians—Dr. SAMUEL CAPIE and Dr. KATHARINE M. CHAPMAN.

Dr. J. MAXTONE THOM, *Superintendent.*

DISPENSARY DEPARTMENT.

Ear.—Dr. James Adam attends on Tuesdays and Fridays at 3.30 p.m.

Teeth.—Mr. William Taylor, L.D.S., attends on Mondays, Wednesdays, and Saturdays at 3.30 p.m.

Throat and Nose.—Dr. Fullerton attends on Tuesdays and Fridays at 11 a.m.

Dr. Macintyre visits the Throat and Nose Wards daily at 3 p.m.

Skin.—Dr. Alexander Morton attends on Mondays, Wednesdays, and Fridays at 10 a.m.

Eye.—Dr. H. Wright Thomson attends on Mondays and Wednesdays, and Dr. Rowan on Fridays, at 11 a.m.

Women.—Dr. James Taylor attends at 11.30 a.m. on Monday, Thursday and Friday, and Dr. Louise M'Ilroy on Tuesday, Wednesday, and Saturday.

Students of the College are admitted to see the special treatment in these departments free.

The Glasgow Ophthalmic Institution.

The Glasgow Ophthalmic Institution, situated at the corner of West Regent Street and Wellington Street, contains 34 beds and a Dispensary Department. The number of new patients admitted to the benefits of the institution last year was 13,557. Of these, 12,576 were treated as outdoor patients, and 981 were admitted to the wards for operation and special treatment. The number of operations was 981, and in addition to these, numerous minor operations were performed in the out-patient department.

A course of lectures and clinical instruction for medical students is given during the winter session.

District Asylum of the Govan Lunacy Board, Hawkhead, Crookston.

The Asylum has 711 beds, and admits annually about 250 new cases of insanity. Embraced in the Asylum are Hospitals (200 beds), a Sanatorium for consumptive insane, and a Pathological Laboratory. Adequate instruction is afforded in all phases of the insanities of mind.

Ruchill and Belvidere Fever Hospitals.

Under the authority of the Corporation of the City of Glasgow, courses of Clinical Instruction in Infectious Diseases are given during the winter and summer sessions by Drs. Johnston and Brownlee, Physician-Superintendents at Belvidere and Ruchill respectively.

Each class is advertised prior to its commencement.

Maternity and Lock Hospitals.

These Hospitals, near the Royal Infirmary, can also be attended by Students.

HOSPITAL APPOINTMENTS.

Glasgow Royal Infirmary.

FIVE HOUSE PHYSICIANS and TEN HOUSE SURGEONS, who must be Registered Medical Practitioners, are lodged and boarded in the House free of charge. The period of service in each of the Medical and Surgical Departments is six months.

DRESSERS and CLINICAL CLERKS are selected from the Students and appointed without any additional fee. From the large number of cases of accident and acute disease, these appointments are of great value to Students.

PRIZES, BURSARIES, Etc.

CARNEGIE TRUST.

Students who have fulfilled the conditions of the Carnegie Trust as regards Scottish birth or extraction, age (sixteen years), and Preliminary Examination, are eligible for the benefits of this Trust during the whole course of their studies at St. Mungo's College.

PRIZES.

Medals, Prizes, and Honorary Certificates are awarded at the close of each Session.

BURSARIES.

I. The "DAVID FOULIS" MEMORIAL SCHOLARSHIP.--The funds yield a free income of about £25 per annum, and the scholarship is awarded for two years. It is open to all Medical Graduates and holders of Medical Licences in the United Kingdom, whose professional training has, to the extent of not less than two years, been received at the University of Glasgow, or at one of the extra-mural schools of that city.

The next election will take place in October, 1913. Applications should be lodged with Messrs. J. M. TAYLOR, NELSON, WALKER & Co., 180 St. Vincent Street, Glasgow, on or before 16th September. Candidates should state the probable character and duration, and the proposed place of work.

II. The "JOHN REID" PRIZE.—The prize will be awarded for the best original research conducted in one of the hospitals or scientific laboratories in Glasgow, bearing on any department of Medical Science. The competition is open to registered Students of Medicine of not less than two years' standing; and to qualified Medical Men of not more than two years' standing, who (1) are still attached as *bona fide* Students to one of the Glasgow Medical Schools, (2) are not engaged in practice, and (3) undertake to give up the prize if they enter on practice while holding it.

Further information may be obtained from any of the Medical Trustees, viz. :—Prof. T. K. MONRO; Prof. D. NOËL PATON;

Prof. JOHN H. TEACHER ; Dr. JAS. A. ADAMS ; Dr. JOHN GAREY, and Dr. W. G. DUN ; or from the Registrar, Glasgow University ; ALEX. DUNCAN, Esq., B.A., LL.D., Secretary of the Royal Faculty of Physicians and Surgeons, Glasgow ; or Mr. JOHN HURLL, Writer, 142 St. Vincent Street, Glasgow.

III. The "GLASGOW HIGHLAND SOCIETY" BURSARIES.—The Bursaries offered by the Society are of the yearly value of £25 for Medical Education in Glasgow University, or any other College in Glasgow approved by the Managers, with the view of qualifying for a degree, and are open to Students entering University or College for the first time, or who have attended one summer session only. They are tenable for five years.

Applications should be made to Mr. HUGH BROWN, C.A., Secretary, 58 St. Vincent Street.

Courses of Medical Instruction.

CHAIR OF ANATOMY.

Professor—JAMES BATTERSBY, F.R.C.S. (Eng.), F.R.F.P.S.G.

Demonstrator—WILLIAM LAIRD, L.R.C.S. & P. (Edin.).

JUNIOR ANATOMY CLASS.

A Course of Lectures and Demonstrations will be given to Junior Students during the Winter Session, in which the Bones and Joints of the body will be fully described. After the Christmas Vacation the anatomy of the Arm and Leg will be considered, with the aid of recent dissections.

SENIOR ANATOMY CLASS.

Lectures on Advanced Descriptive Anatomy, with Demonstrations, will be delivered daily to Senior Students, throughout the Winter Session, and will be illustrated as far as possible by recent dissections.

Class Examinations, both written and oral, will be held from time to time on the subjects included in these Courses.

The Roll is called daily, and Students must attend at least three-fourths of the Lectures, in order to have their tickets signed.

PRACTICAL ANATOMY.

The Rooms for Practical Anatomy are open from 9 a.m. till 5 p.m. in Winter, and from 8 a.m. till 5 p.m. in Summer. The facilities for Anatomical study are not surpassed by any other Medical School.

Mounted specimens are arranged in cases round the Dissecting Room, and are intended for the assistance of the Student in his own dissection. It is not, however, expected that they will in any measure supply the place of dissections made by his own hand.

The Anatomical Museum contains Osteological specimens, casts, models and wet preparations, the property of the College, and also the valuable collection of the late Dr. William Mackenzie, presented to the College by his son, W. J. Mackenzie, Esq.

The study of Osteology is facilitated by a complete series of articulated and disarticulated bones, mounted in cases in the Osteology Gallery.

Fees—For Lectures and Practical Anatomy, £4 4s.

For Practical Anatomy alone, - - 2 2s.

SUMMER SESSION.

The Anatomy Rooms, Museum, and Osteology Gallery will be open daily during the Summer Session, from 8 a.m. till 5 p.m.

A Tutorial Class in Osteology for Junior Students will be held on three days a week.

Demonstrations, illustrated by recent dissections, preparations, models, and diagrams will be given in the Dissecting Room on four days a week.

Fees—For Practical Anatomy, including Demonstrations, £2 2s.

For Demonstrations and Osteology only, - - 1 1s.

CLASS IN SURGICAL ANATOMY.

Demonstrations on the application of Anatomy to Medicine and Surgery and on the Surface-markings of the Body will be given during the Summer Session. This course is intended to help those preparing for Final Examinations.

CHEMISTRY.

This subject is taught at the Glasgow Royal Technical College, where a special course is given to Saint Mungo's College Students.

PHYSICS.

This subject is taught at the Glasgow Royal Technical College, where a special course is given to Students of the College.

BOTANY.

Professor—JAMES SWANSON, M.A., M.B., C.M., F.R.F.P.S.G.

Assistant—CHARLES O'NEILL, M.B., C.M.

This Class is conducted during the Summer Session at 9 a.m.

This Course is recognised by the Universities, and by the Scottish Conjoint Board, as fulfilling their requirements with regard to Botany. Microscopic and Macroscopic Demonstrations will be given, and a Tutorial Class will be formed, so that Students may obtain a sound practical knowledge of the subject.

Introduction.

Biology.
What a Plant is.
General development of Plants.
Classification of Plants.

I. HISTOLOGY.

The cell.
Protoplasm :
Physical, chemical, and vital properties of protoplasm.
Development of the cell wall.
Contents of the cell—
 (a) Cell Sap ;
 (b) Chlorophyll ;
 (c) Starch ;
 (d) Aleurone grains ;
 (e) Inulin ;
 (f) Crystals.

Description of Primary meristem.

Development of the various systems of tissue—

1. Epidermal.
2. Fundamental.
3. Fibro-vascular.

The leaf, its structure and function.

Trichomes, emergence stipule, etc.

II. EXTERNAL MORPHOLOGY OF ANGIOSPERMS.

1. THE VEGETATIVE SHOOT—

- (a) Stem ;
Different forms of stem and their function.
- (b) The leaves, their development and arrangement on the axis.
- (c) The root ;
Development of lateral roots.

2. REPRODUCTION—

- (a) Asexual ;
Various forms of buds.
- (b) Sexual ;
The flower, its morphology and relation to the vegetative shoot.
Fertilisation.
Various methods of cross pollination.
Special adaptations of the flower for cross pollination.
Anemophilous and entomophilous flowers.

A special description of the principal natural orders will be given.

III. PHYSIOLOGY OF PLANTS.

The food of plants.

Organ by which the food is absorbed.

Parasitism, its various degrees.

Constructive metabolism.

Destructive metabolism.

Movements of water and gases through the plant.

Transpiration and respiration.

Growth. Tension in growing parts.

Action of temperature and light on plants.

Geotropism.

Heliotropism.

IV. TAXONOMY.

1. MYXOMYCETES—*Oethalium*.
2. ALGÆ.
Fucus. Polysiphonia, vaucheria.
Spirogyra.
3. FUNGI.
Mucor, eurotium, claviceps.
Agaricus.
Yeast, bacterium, penicillium.
4. HEPATICÆ.
Marchantia.
5. MUSCI—POLYTRICHUM.
6. FILICINEÆ.
Aspidium.
7. LYCOPODINEÆ.
Selaginella.
8. GYMNOSPERMS.
Pinus sylvestris.
9. ANGIOSPERMS.

Alternation of generation, apospory, apogamy, parthenogenesis, etc.

PRACTICAL BOTANY.

Demonstrator—JOHN ALEXANDER MURRAY.

This Class will meet daily from 8 to 9 a.m. The Students will be provided with material for making microscopic preparations of the various tissues of angiosperms and other types.

TEXT BOOKS: Prantl and Vines' "Botany"; Sachs' "Botany" (advanced students); Hooker's "British Flora"; Bower's "Practical Botany."

CLINICAL SURGERY.

The Surgeons of the Royal Infirmary.

Clinical Surgery is taught by means of Demonstrations, Lectures, and Hospital Practice. The Class is conducted both Summer and Winter, meeting at 9 a.m., from Monday to Friday inclusive.

SURGERY.

Professor—PETER PATERSON, M.B., F.R.F.P.S.G.

The Lectures will be illustrated by Pathological Specimens, Instruments, Splints, and other appliances.

The following is an outline of the Course for the Winter Session, 1913-1914:—

1. Inflammation and its results.
2. Burns and Frost-bite.
3. Wounds and their Complications. Shock. Hæmorrhage.
4. Anæsthetics and the mode of their administration.
5. Surgical diseases due to microbic infection.
6. Tumours.
7. Diseases and injuries of joints.
8. Surgical affections of the head, brain, face, and neck.
9. Surgical affections of the stomach and intestines, including hernia.
10. Diseases and injuries of the spine.
11. Diseases of the genito-urinary system.
12. Diseases of the female breast.
13. Surgical affections of the liver and gall-bladder.
14. Diseases of Bone.

Class Fee, £2 2s.

OPERATIVE SURGERY.

Professor—PETER PATERSON, M.B., F.R.F.P.S.G.

This course is a thoroughly practical one, the Students being required to perform all the customary operations on the dead subject. As the supply of anatomical material is abundant, they have unusual opportunities for obtaining experience in operating.

Class Fee, £2 2s.

MEDICINE.

Professor—Vacant (*pro tem.*).

In the Winter Session of 1913-14, attention will first be given in some detail to diseases of the nervous system, thereafter the diseases of the following organs and systems will receive consideration, namely, the circulatory organs, the blood and ductless glands, the respiratory organs, the alimentary system, and the kidneys. Some of the principal general diseases, including general infections, will also come up for discussion.

Several lantern demonstrations will be given in the course of the Session.

The class work will include three written examinations, which will be held in December, February, and March.

Class Fee, £2 2s.

MATERIA MEDICA AND THERAPEUTICS.

Professor—JOHN P. DUNCAN, M.B., Ch.B., B.Sc., F.R.F.P.S.G.

PHARMACOGNOSY.—The sources, characters and collecting of medicine.

PHARMACY.—The preparation, quality, physical conditions and preservation of medicines.

PHARMACOLOGY.—The action of medicines on healthy organisms.

THERAPEUTICS.—The action of medicines in disease.

PROPHYLAXIS.—The prevention of disease.

After an introductory discussion on the above departments of the subject, the different parts will be taken up as follows :

Weights, measures, symbols.

Prescriptions, Dosage.

Method of administration of medicines.

Combination of medicines, Incompatibilities, Cumulative Action, etc.

Classification of medicines in accordance with their chief pharmacological actions.

Medicines of the British Pharmacopœia.—Vegetable substances—
Animal substances—Carbon compounds—Inorganic substances.

New and Non-official Remedies.

The lectures will be illustrated by printed notes and by Materia Medica specimens which students may examine during the intervals of their classes.

TEXT BOOK: "Materia Medica, Pharmacy, Pharmacology and Therapeutics," by W. Hale White; "British Pharmacopœia."

Class Fee, £2 2s.

PRACTICAL PHARMACY.

Students are admitted to the Laboratory of the Royal Infirmary, where they are taught Pharmacy and the Compounding of Medicines.
Fee, for three months, £1 11s. 6d.

CHAIR OF PHYSIOLOGY.

Professor—DONALD DUFF, F.R.C.S. (Ed.), F.R.F.P.S.G.

The subjects embraced in this Course of Lectures are arranged in three divisions:—

DIVISION I.—Consideration of the physical and chemical phenomena exhibited by living tissues.

DIVISION II.—General Physiology, or the physiological processes occurring in the Tissues—(a) Histology of the Tissues; (b) Physical, chemical, and vital processes occurring in the Tissues.

DIVISION III.—Special Physiology, or the Physiology of Organs—(a) Nutrition; (b) Innervation; (c) Reproduction.

TEXT BOOK: Halliburton's "Handbook of Physiology."

Class Fee, £2 2s.

PRACTICAL PHYSIOLOGY.

This Class is conducted during the Summer Session. In it the Student is taught—

1. The use of the Microscope, and the methods employed to prepare animal tissues for microscopical examination. He also prepares and examines microscopically the principal tissues and organs of the body ; and for this purpose he is provided with microscope and all necessary reagents.
2. The method of analysing the principal animal fluids—special attention being devoted to those of which a knowledge is essential to the Hospital Student.
3. The mode of employing instruments for the investigation of physiological phenomena.

Class Fee, £2 2s.

PATHOLOGY.

The Pathologist to the Royal Infirmary.

Class Fee, £4 4s.

FORENSIC MEDICINE.

Lecturer—DAVID M'KAIL, M.D. (Glasg.), D.P.H. (Camb.),
F.R.F.P.S.G.

This Class will meet daily at 12 noon during the Summer Session.

The Lectures on Forensic Medicine will, as far as possible, elucidate the application of every branch of Medical Science to the purposes of the law.

In the department of Public Health, special attention will be given to the subjects of Air, Ventilation and Heating, Water, Sanitary Law, Disposal of Sewage and Refuse, Disinfection, and Sanitation in general.

During the Session the Lecturer will conduct visits to important public institutions and works dealing with Disinfection, Disposal of Sewage and Refuse, Ventilation, School Hygiene, etc.

Demonstrations will be given during the Session, illustrating, as far as possible, the whole range of Forensic Medicine and Public Health.

OPHTHALMOLOGY.

WINTER SESSION.

Students in this subject are taught by arrangement at the Ophthalmic Institution by Professor A. MAITLAND RAMSAY, M.D., F.R.F.P.S.G., on Mondays and Thursdays at 4 p.m. Clinique on Tuesdays and Fridays from 2 to 3 p.m. Operations on Wednesdays at 2 p.m.

Fee, £1 1s.

GYNÆCOLOGY.

Lecturer—G. BALFOUR MARSHALL, M.D., F.R.F.P.S.G.,
Senior Gynæcologist to the Royal Infirmary.

This Course consists of Systematic and Clinical Lectures given in the Lecture Room attached to Ward 30, Royal Infirmary. The Systematic Lectures are given during the Winter Session on Mondays and Thursdays at 11 a.m. The Clinical Lectures are given both during the Winter and Summer Sessions, on Wednesdays at 11 a.m., and on Saturdays, 9.30 a.m. Class Fee, £2 2s. The Clinical Lectures are free to all Students attending the Royal Infirmary.

MIDWIFERY.

Professor—ROBERT JARDINE, M.D., F.R.F.P.S.G., F.R.S.E.

Assistant—ALEX. H. EDWARDS, M.B., F.R.C.S.(Ed.).

The Class will meet at 11 a.m. during the Fourth Summer Session of the Student's Course.

In addition to the Systematic Lectures, Clinical Demonstrations will be given each week in the Maternity Hospital.

The Bony Pelvis, its diameters, planes, axis, etc.

The Organs of Generation, external and internal.

Menstruation, Ovulation, etc.

Structure and arrangement of the Decidua. Structure and development of the Placenta and membranes.

Nourishment of the Ovum.

The Fœtal circulation.

Size of the Ovum and Fœtus in the different months.

Pregnancy ; its symptoms and signs.

Pseudocyesis.

Duration of Pregnancy.

Complications of Pregnancy.

Abortion.

Fleshy and Hydatiform Moles.

Ectopic Pregnancy.

Phenomena of Parturition.

Labour and its mechanism. The Fœtal Skull.

Management of an ordinary Labour.

The Puerperium. Care of mother and child.

Laborious Labours. Delay in the various stages of Labour from faults on the part of the powers, the passages, including deformed Pelvis, and the passenger.

Præternatural Labours. Complex or Complicated Labours.

Missed Labour. Labour in a double Uterus.

Complications of the Puerperium.

Obstetric operations.

The Forceps, Version, Induction of Labour. Symphysiotomy, Caesarean section, operations destructive to the child.

Accidents to the child during delivery. Abnormalities and diseases of the new-born child.

Infant feeding.

Class Fee, £2 2s.

FEVERS.

Instruction in Fevers will be given by Dr. JOHNSTON, at Belvidere Fever Hospital, and Dr. BROWNLEE, at Ruchill Fever Hospital, under the sanction of the Lord Provost and Magistrates.

Intending Students should apply to Dr. JOHNSTON or Dr. BROWNLEE for information regarding their respective Courses ; or to the Secretary of the Faculty of Medicine.

Fee, £1 1s.

BACTERIOLOGY.

Lecturer—DAVID M'CRORIE, L.R.C.P. & S., Edin., etc.

Assistant—J. ARCH. CAMPBELL, L.R.C.P. & S., Edin.

The Class, which is chiefly practical, will be conducted during the Summer Session daily at an hour to suit the convenience of the Students.

Students will be taught—

1. The Methods of Investigation, Cultivation, and Transmission.
2. How to obtain pure Cultures of (*a*) Aerobic, and (*b*) Anaerobic Germs.
3. How to recognise, etc., the Pathogenic, and the most common Non-pathogenic Bacteria.
4. How to examine bacteriologically—Water, Milk, Farth, Air, etc.

Class Fee, £2 2s.

Winter Courses of Practical Bacteriology of three months' duration may be arranged for.

THE "MACKINTOSH" LECTURESHIP

(Endowed by Donald Mackintosh, M.D., in honour of his brother, Alexander Mackintosh, M.D., late Physician Superintendent, Glasgow Royal Asylum, Gartnavel)

ON

PSYCHOLOGICAL MEDICINE.

Lecturer—JAMES H. MACDONALD, M.B., Ch.B., F.R.F.P.S.G.

The class will meet twice weekly, and the Course will consist of at least eight Systematic and twelve Clinical Lectures. The Systematic Lectures to be delivered at the College will deal with :

Psychiatry, its scope and its relations with General Medicine and the Social Economy.

Cerebral Anatomy and Physiology in relation to Psychological Medicine.

The Causes of Insanity.

The Pathology of Insanity.

Normal and Morbid Psychology.

- | | | |
|--------------|--------------|-------------|
| (<i>a</i>) | Disorders of | Perception. |
| (<i>b</i>) | " | " |
| (<i>c</i>) | " | " |
| (<i>d</i>) | " | " |
| (<i>e</i>) | " | " |
| (<i>f</i>) | " | " |
| (<i>g</i>) | " | " |

Ideation.

Memory.

Emotion.

Attention.

Will.

Consciousness.

Insanity in its medico-legal relations.

- (a) Certification and Detention of the Insane.
- (b) Testamentary Capacity of the Insane.
- (c) Responsibility of the Insane.
- (d) Appointment of Curator Bonis.

The Clinical Lectures will be delivered at Hawkhead Asylum, Crookston, and will comprise :

The Signs and Symptoms of Disordered Mind.

Classification of the Mental Affections.

Etiology, Symptomatology, Course, Prognosis, and Treatment of the various forms of Insanity.

Demonstration of macroscopic and microscopic specimens illustrating the Morbid Changes in the Brain in Insanity.

TEXT BOOKS.—“A Text-Book of Psychiatry” (Bianchi-MacDonald); “Psychological Medicine” (Maurice Craig).

The introductory Lecture will be delivered at the College in April, when the arrangements for the Course will be explained, and the days and hours of the Lectures and Cliniques fixed to suit the convenience of Students.

Class Fee, £1 1s.

PUBLIC HEALTH DEPARTMENT.

Lecturer and Director of Laboratory—DAVID M'KAIL,
M.D. (Glasg.), D.P.H. (Camb.), F.R.F.P.S.G.

The great extension of Public Health work has caused a notable increase in the number of appointments for which a Diploma in Public Health is a desideratum.

The General Medical Council, at their meeting on 1st December, 1911, adopted in an amended form the resolutions and rules which form the Regulations for the Diploma in Public Health, a copy of which can be obtained on application to the Registrar of the Council, 299 Oxford Street, London, W. Rule 2 is the one which specially pertains to Public Health Laboratory work, and is here given.

RULE 2. Every candidate for a Diploma in Sanitary Science, Public Health, or State Medicine shall have produced satisfactory evidence that, after obtaining a registrable qualification, which should be registered before admission to examination for the diploma, he has received practical instruction in a laboratory or laboratories, British or Foreign, approved by the licensing body

granting the diploma in which Chemistry, Bacteriology, and the Pathology of the Diseases of Animals transmissible to Man are taught.

Note.—The laboratory instruction shall cover a period of not less than four calendar months, and the candidate shall produce evidence that he has worked in the laboratory for at least 240 hours, of which not more than one-half shall be devoted to practical chemistry. The laboratory course should be so arranged as to lay special stress on practical work which bears most directly on the duties of a medical officer of health.

The amendments in this rule reduce the minimum number of months of instruction in laboratory work from six to four, and define the hours worked at 240, of which at least one-half shall be devoted to bacteriology. The net result is that students for the D.P.H. will require to get as a minimum 15 hours' practical laboratory work per week for four months. Many students will find it more convenient to attend 12 hours per week for a so-called six months' term of 20 weeks.

The student will be well advised to exceed the minimum periods above laid down, and more especially if he is not already well informed in the subjects of chemistry and bacteriology.

The Laboratory instruction is recognised for the Diplomas in Public Health of the Scottish Licensing Bodies, of the English Colleges, and of the Universities of Cambridge and Oxford, under the new regulations.

The Laboratory is open at hours arranged to suit Classes for practical instruction in the methods of analysis of air, water, soils, foods, and the detection of adulterations; and instruction in practical meteorology, sanitary appliances, and physics, in relation to public health.

The Laboratory is furnished with all the necessary chemical apparatus, etc., required for analysis, and each student is furnished with a set of apparatus for personally doing the work.

There is a full and up-to-date collection of all appliances connected with practical public health work.

The facilities for studying the practical application of public health methods in Glasgow and vicinity are unsurpassed, and visits will be paid during the course to places of interest in this connection.

FEE—

WINTER SESSION—Lectures, and Six Months'

Laboratory Instruction,	-	-	-	-	£12 12 0
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The Regulations regarding the Degrees and Diplomas in Public Health may be obtained on application to the Secretaries and Registrars of the various Corporations and Universities.

TABLE OF MEDICAL COURSES.

(Subject to Alterations.)

	HOURS.
First Year—	
<i>Winter.</i>	
CHEMISTRY, - - - - -	9
PRACTICAL CHEMISTRY, - - - - -	
PHYSICS, - - - - -	11.15
ANATOMY (Junior), - - - - -	as arranged
<i>Summer.</i>	
PRACTICAL CHEMISTRY, - - - - -	10
BOTANY, - - - - -	9
PRACTICAL BOTANY, - - - - -	8
ANATOMY (Dissections), - - - - -	8 to 5
ANATOMY (Demonstrations), - - - - -	11 and 3
ZOOLOGY, - - - - -	1.30
PRACTICAL ZOOLOGY, - - - - -	2.30 to 4.30
Second Year—	
<i>Winter.</i>	
ANATOMY (Senior), - - - - -	11
ANATOMY (Dissections), - - - - -	9 to 5
PHYSIOLOGY (Lectures), - - - - -	12
<i>Summer.</i>	
ANATOMY (Dissections), - - - - -	8 to 5
ANATOMICAL DEMONSTRATIONS, - - - - -	11 and 3
PHYSIOLOGY (Practical), - - - - -	12
Third Year—	
<i>Winter.</i>	
PATHOLOGY, - - - - -	3, or as
MATERIA MEDICA, - - - - -	{ 3, arranged.
CLINICAL SURGERY, - - - - -	{ As may be
SYSTEMATIC SURGERY, - - - - -	{ arranged.
DISPENSARY, - - - - -	9
PRACTICAL PHARMACY, - - - - -	as arranged
	2
<i>Summer.</i>	
PRACTICAL PATHOLOGY, - - - - -	1 to 3, or as
CLINICAL SURGERY, - - - - -	9, arranged
DISPENSARY, - - - - -	2

Fourth Year—*Winter.*

CLINICAL MEDICINE,	-	-	-	-	-	-	9
PRACTICE OF MEDICINE,	-	-	-	-	-	-	as arranged
GYNÆCOLOGY,	-	-	-	-	-	-	as arranged
DISPENSARY, -	-	-	-	-	-	-	2

Summer.

CLINICAL MEDICINE,	-	-	-	-	-	-	9
OPERATIVE SURGERY,	-	-	-	-	-	-	2.45-4.45
MIDWIFERY, -	-	-	-	-	-	-	as arranged
PRACTICAL MIDWIFERY,	-	-	-	-	-	-	
BACTERIOLOGY,	-	-	-	-	-	-	9
DISPENSARY, -	-	-	-	-	-	-	2

Fifth Year—*Winter.*

CLINICAL MEDICINE,	}	On alternate days.	-	-	9
CLINICAL SURGERY,			-	-	
OPHTHALMOLOGY, -	-	-	-	-	4
THROAT AND NOSE,	-	-	-	-	12
FEVERS (at Ruchill and Belvidere),	-	-	-	-	
VACCINATION, -	-	-	-	-	
SURGICAL DISEASES OF CHILDREN,	-	-	-	-	11.30

Summer.

CLINICAL MEDICINE,	}	On alternate days.	-	-	9
CLINICAL SURGERY,			-	-	
FORENSIC MEDICINE,	-	-	-	-	12
PSYCHOLOGICAL MEDICINE,	-	-	-	-	2
DERMATOLOGY,	-	-	-	-	12
OTOLOGY, -	-	-	-	-	3

TABLE OF MEDICAL FEES.

COLLEGE FEES—

For any Curriculum Class taken singly (except Anatomy, £4 4s. ; Pathology, £4 4s. ; Zoology and Practical Zoology, jointly, £3 3s. ; Botany and Practical Botany, jointly, £3 3s.),	-	-	-	-	£2	2	0
Second Session and Perpetual (except Anatomy),	-	1	1	0			
Anatomy (Winter Session)—Lectures and Practical,	-	4	4	0			
„ (Summer Session)— { Demonstrations }	-	2	2	0			
„ „ { and Practical, }	-						
„ „ Demonstrations only,	-	1	1	0			
Lectures on Ophthalmology, Insanity, Throat and Nose, Otology, and Fevers,	-	1	1	0			
Bacteriology,	-	2	2	0			
Gynæcology,	-	2	2	0			
Elementary Physics,	-	2	4	6			

PUBLIC HEALTH—

Winter—Lectures and Six Months' Laboratory Instruction,	-	-	-	-	-	-	12	12	0
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HOSPITAL FEES—

1. Hospital Attendance, Dispensary, etc.—									
For Perpetual Ticket in one payment,	-	-	-	-	-	-	7	0	0
For Season Tickets—									
Six Months,	-	-	-	-	-	-	2	2	0
Three Months,	-	-	-	-	-	-	1	1	0
Separate payments amounting to £7 7s. entitle a student to a Perpetual Ticket on return of previous season tickets.									
2. Clinical Instruction—									
For Six Months,	-	-	-	-	-	-	3	10	0
„ Three Months,	-	-	-	-	-	-	1	15	0
Practical Midwifery at the Maternity Hospital, Portland Street, for Six Months,	-	-	-	-	-	-	2	2	0
Lock Hospital, Rottenrow, for Three Months,	-	-	-	-	-	-	2	2	0
Vaccination,	-	-	-	-	-	-	1	1	0
Practical Pharmacy,	-	-	-	-	-	-	1	11	6

Full information respecting Fees may be obtained from the Secretary of the Faculty of Medicine.

INFORMATION FOR STUDENTS ABOUT TO COMMENCE MEDICAL STUDY.

A.—All Students before commencing Medical Study are required to pass a Preliminary Examination in General Education, approved by the General Medical Council.

List of Examining Bodies whose Examinations in General Education are recognised by the Medical Council as Qualifying for the Registration of Medical or Dental Students.

I.—UNIVERSITY EXAMINATIONS HELD IN THE UNITED KINGDOM.

A.

Final Examinations for a Degree in Arts or Science of any University in the United Kingdom.

B

UNIVERSITIES OF OXFORD AND CAMBRIDGE—

Junior Local Examinations. (Certificates to be endorsed as fulfilling the Council's requirements.)

Senior Local Examinations. (Certificates to be endorsed as fulfilling the Council's requirements.)

OXFORD—

Responsions. (Certificate to be supplemented by others showing that the required mathematical subjects have been passed.)

Moderations. (Certificates to include the required subjects.)

CAMBRIDGE—

Higher Local, Previous, or General Examination. (Certificates to include the required subjects.)

OXFORD AND CAMBRIDGE SCHOOLS' EXAMINATION BOARD—

Lower Certificate Examinations. (The required subjects to be passed at one time.)

Higher Certificate Examinations. (Certificates to include the required subjects.)

UNIVERSITY OF DURHAM—

Examination for Certificate of Proficiency. (The required subjects to be passed at one time.)

Senior Local Examinations. (Certificate to include the required subjects.)

UNIVERSITIES OF LONDON, BIRMINGHAM, WALES, LIVERPOOL, LEEDS—

Matriculation Examination. (Certificates to include the required subjects.)

VICTORIA UNIVERSITY, MANCHESTER—

Preliminary Examination. (Certificates to include the required subjects.)

UNIVERSITIES OF SCOTLAND—

Preliminary Examination of the Joint Board of Examiners of the Scottish Universities for Graduation in Medicine and Surgery. (The required subjects to be passed at one, or not more than two Examinations.)

Preliminary Examination of the Joint Board of Examiners of the Scottish Universities for Graduation in Arts or Science. (Certificates to include the required subjects.)

UNIVERSITY OF DUBLIN—

Principal Public Entrance Examinations. (The required subjects to be passed at one time.)

Examinations for the First, Second, Third, or Fourth Year in Arts. (Certificate to be signed in the approved form by the Medical Registrar of the University.)

ROYAL UNIVERSITY OF IRELAND—

Matriculation Examination. (Certificate to include the required subjects.)

II.—GOVERNMENT EXAMINATIONS HELD IN THE UNITED KINGDOM.

SCOTTISH EDUCATION DEPARTMENT—

Leaving Certificate Examinations: passes in Lower Grade. (The required subjects to be passed at one, or not more than two Examinations.)

Leaving Certificate Examinations: passes in Higher Grade or Honours. (To include the required subjects.)

INTERMEDIATE EDUCATION BOARD OF IRELAND—

Middle Grade Examination. (The required subjects to be passed at one time.)

Senior Grade Examination. (Certificates to include the required subjects.)

CENTRAL WELSH BOARD—

Senior Certificate Examinations. (Certificates to include the required subjects.)

III.—EXAMINATIONS BY CHARTERED BODIES HELD IN THE UNITED KINGDOM.

COLLEGE OF PRECEPTORS—

Examinations for First-class Certificate. (The required subjects to be passed at one, or not more than two Examinations.)

Preliminary Examination for Medical Students. (The required subjects to be passed at one time.)

EDUCATIONAL INSTITUTE OF SCOTLAND—

Preliminary Medical Examination. (The required subjects to be passed at one time.)

ROYAL COLLEGES OF PHYSICIANS AND SURGEONS IN IRELAND—

Preliminary Examination. (The required subjects to be passed at one time.)

IV.—EXAMINATIONS HELD OUT OF THE UNITED KINGDOM.

These include the Preliminary or Matriculation Examinations of most Colonial Universities and Colleges, of which information in detail may be had on application to the Dean.

Subject to the conditions indicated in the foregoing List, the Preliminary Examinations recognised by the General Medical Council are required to include the following :

(a) ENGLISH (Grammar ; Paraphrasing ; Composition ; questions on English History and Geography).

(b) LATIN (Grammar ; Translation into English from unprescribed Latin books ; Translation into Latin of a continuous English passage, and of short idiomatic English sentences).*

(c) MATHEMATICS (Arithmetic ; Algebra, including easy quadratic equations ; Geometry, including the subject-matter of *Euclid*, books i., ii., iii., and simple deductions).

(d) One of the following subjects :

(1) GREEK (Grammar ; Translation into English from unprescribed Greek books ; Translation into Greek of short idiomatic English sentences) ; or

(2) A MODERN LANGUAGE (Grammar ; Translation into English from unprescribed books ; Translation of a continuous English passage, and of short idiomatic English sentences).

Candidates who desire to pass the Examination of the Educational Institute must obtain Forms of Application from, and pay their Fees to S. M. MURRAY, Esq., Educational Institute Office, 34 North Bridge Street, Edinburgh, who will supply Calendar containing Examination Papers, if desired (price by post 1s.), and give any further information.

B.—Having passed the whole of the Preliminary Examination, the Student next requires to be registered as a Medical Student ; in order to do this, he must actually commence Medical Study by taking out Classes at a School of Medicine. The Dean of the Medical Faculty of St. Mungo's College supplies students with forms for Registration, and attests their commencement of Medical Study, when they take out Classes in the College. The Student then sends this form, along with his certificate of having passed the Preliminary examination, and evidence of his having attained the age of sixteen years, to the

* In the case of natives of India or other Oriental countries, whose vernacular is other than English, an examination in a Classical Oriental Language may be accepted as equivalent to an examination in Latin.

Registrar of the Medical Council, who in due course sends him a Certificate of Registration. There is no fee payable.

In *Scotland* the Registrar's address is James Robertson, Esq., 54 George Square, Edinburgh.

In *England* the Registrar's address is Henry E. Allen, Esq., LL.B., 299 Oxford Street, London, W.

C.—The Student now enters on Medical Study, and requires to take out certain courses of lectures and hospital practice, which extend over a period of *not less than five years* from the date of his Registration as a Medical Student. But Graduates in Arts and Science who shall have spent a year in the study of Physics, Chemistry, and Biology, and have passed an examination in these subjects for the Degree, shall be held to have completed the first year of Medical Study.

The following is a Statement of the entire Course of Study required:—

PHYSICS,	- - - - -	3 months.
ELEMENTARY BIOLOGY,	- - - - -	3 months.
CHEMISTRY,	- - - - -	6 months.
PRACTICAL CHEMISTRY,	- - - - -	3 months.

** The Certificates in those subjects should show in what form the instruction has been given, whether by Lectures, Demonstrations, Practical Work, etc.

ANATOMY,	- - - - -	1 Course	.....	6 months.
PRACTICAL ANATOMY (DISSECTIONS, which should comprise the whole human body),	- - - - -			12 months.
MATERIA MEDICA, including THERAPEUTICS,	- 1 Course	.....		3 months.
PHYSIOLOGY,	- - - - -	1 Do.	.....	6 months.
PATHOLOGY,	- - - - -	1 Do.	.....	3 months.
PRINCIPLES AND PRACTICE OF MEDICINE,	- - 1 Do.	.....		6 months.
PRINCIPLES AND PRACTICE OF SURGERY,	- - 1 Do.	.....		6 months.
MIDWIFERY AND DISEASES OF WOMEN AND OF NEW-BORN CHILDREN,	- - - - -	1 Do.	.....	3 months.
FORENSIC MEDICINE AND HYGIENE,	- - - - -	1 Do.	.....	3 months.

** The above Courses must be attended at a recognised Medical School. In the Systematic Courses, Lectures need not be delivered oftener than thrice weekly, but the certified attendance must be on not less than three-fourths of the total number of Lectures delivered in a Course.

CLINICAL MEDICINE,	- - - - -	Not less than 9 months.
CLINICAL SURGERY,	- - - - -	Not less than 9 months.
FEVERS,	- - - - -	1 Course of not less than 13 meetings.
INSANITY,	- - - - -	1 Course of not less than 13 meetings.
DISEASES AND INJURIES OF THE EYE,	1 Course of not less than 13 meetings.	
DISPENSARY PRACTICE,	- - - - -	Not less than 6 months.
HOSPITAL PRACTICE,	- - - - -	Not less than 3 years.

** The above Courses of Clinical Medicine and Clinical Surgery shall be attended at a recognised Public General Hospital, containing on an average not less than eighty patients, available for Clinical Instruction, and possessing distinct staffs of Physicians and Surgeons. The entire certified period of Hospital attendance, with Clinical Instruction, must not be less than twenty-four months. Evidence must be produced that the Candidate has acted as Surgical Dresser and as Medical Clinical Clerk. The Dispensary Practice may be attended either at the Out-Patient Department of a General Hospital, or at a recognised Public Dispensary.

The following Practical Courses are also required :—

- (a) Three months' instruction in PRACTICAL PHARMACY, which shall include not less than twenty-five meetings, and which may be attended at a Medical School or Public Hospital, Laboratory or Dispensary, or under a Registered Pharmaceutical Chemist, or Registered Medical Practitioner who dispenses medicines to his patients.
- (b) PRACTICAL MIDWIFERY, attendance for three months on the in-door practice of a Lying-in Hospital, and personal attendance on six cases of Labour, or alternatively, attendance on twelve cases of Labour under the supervision of a Registered Medical Practitioner.

Students commencing Medical Study after 1st October, 1908, must have attended a Course of Lectures on Surgery and Midwifery and have held the offices of Clinical Medical Clerk and Surgical Dresser before receiving instruction in Practical Midwifery. In their case, attendance on twelve cases of Labour is required.

- (c) That the Candidate has been properly instructed in Vaccination by a Public Vaccinator, authorised by the proper Government authority to grant Certificates of proficiency in Vaccination.

Candidates for the English Conjoint Examinations must produce certificate of attendance on a course of Practical Physiology extending over a period of six months.

Students are recommended to pay particular attention to practical work in connection with all the departments of study, and to avail themselves of opportunities of acquiring practical acquaintance with special departments of Clinical Study, such as Diseases of the Ear, Throat, and Skin, Diseases of Women and Children, and Operative Surgery. The Examinations will be conducted so as to test practical knowledge.

D.—The order in which it is recommended that the several courses of Lectures and Hospital Practice should be taken out is shown in the table at pages 22 and 23. The fifth year of study is compulsory on all Students registered on or after January 1st, 1892; it is intended to be devoted mainly to Clinical work, and the study of special subjects, such as Diseases of the Eye, Ear, and Throat, Fevers, Insanity, etc. By taking the classes in the order given in the table the Student will be able to accomplish this. The Secretary of the Medical Faculty will be glad to give Students advice as to their course.

GOVERNING BODY OF ST. MUNGO'S COLLEGE, 1913=1914.

The Principal, - - - - - JAMES MACFARLANE, Esq.
Vice-Principal, - - - - - SIR JOHN URE PRIMROSE, Bart.

EX-OFFICIO GOVERNORS.

THE HON. LORD PROVOST OF GLASGOW. THE PROVOST OF AYR. THE PROVOST OF AIRDRIE. THE PROVOST OF DUMBARTON. THE PROVOST OF PAISLEY.		THE LORD DEAN OF GUILD, GLASGOW. THE DEACON CONVENER, TRADES HOUSE, GLASGOW. THE CHAIRMAN OF THE SCHOOL BOARD OF GLASGOW.
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ELECTED GOVERNORS.

Town Council. (1) WM. HAY HANNAY, 36 Montgomerie Drive, Glasgow.
 (2) DR. WILLIAM GEMMELL, Avoca, Victoria Drive,
 Scotstounhill.

Trades' House. ANDREW SMITH, Miltonlea, Kilmacolm.

School Board. Hugh B. Spens, B.A., LL.B., 169 W. George St., Glasgow.

Chamber of Commerce. WALTER F. M'LELLAN, Esq., 118 Queen Street,
 Glasgow.

Royal Faculty of Physicians and Surgeons. DR. DAVID N. KNOX, 10
 Woodside Place.

Faculty of Procurators. JOHN WARK, 120 Bath Street, Glasgow.

Medical Faculty, St. Mungo's College. PROFESSOR ROBERT JARDINE.

Law Faculty, St. Mungo's College. (Vacant.)

Glasgow Royal Infirmary:

- (1) DR. ARCHIBALD NEILSON, 10 Somerville Place, Glasgow.
- (2) SIR WILLIAM BILSLAND, Bart., 28 Park Circus, Glasgow.
- (3) JAMES M'FARLANE, 3 Wesleyan Street, Glasgow.
- (4) TIMOTHY WARREN, Esq., 45 W. George Street, Glasgow.
- (5) JOHN GLEN, Esq., 128 Ingram Street, Glasgow.
- (6) JOHN GARROWAY, Esq., Rosemount, Skelmorlie,
- (7) PROFESSOR JOHN GLAISTER, M.D., 3 Newton Place, Glasgow.
- (8) WILLIAM G. DUN, M.D., 15 Royal Crescent, W.
- (9) W. G. BLACK, LL.D., 88 West Regent Street, Glasgow.

Secretary, - J. T. T. BROWN, 97 West Regent Street, Glasgow.

